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 Asp Ala Gln Arg Phe Val Leu Val Glu Leu Thr Asn Gln Gly Xaa Asp
 50 55 60
 Ser Xaa Thr Ala Ala Ile Asp Val Thr Asn Xaa Tyr Val Val Ala Tyr
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 85 90 95
 Glu Thr His Leu Phe Thr Gly Thr Thr Arg Xaa Ser Ser Leu Pro Phe
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 Met Leu Glu Leu Glu Thr Ser Trp Gly Gln Gln Ser Thr Gln Val Gln
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 His Ser Thr Asp Gly Val Phe Asn Asn Pro Xaa Arg Leu Ala Ile Xaa
 210 215 220
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 225 230 235 240
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 245 250 255
 Val Arg Tyr Trp Pro Leu Val Ile Arg Pro Val Ile Ala Asp Asp Val
 260 265 270
 Thr Cys Ser Ala Ser Glu Pro Thr Val Arg Ile Val Gly Arg Xaa Gly
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 Met Xaa Val Asp Val Arg Asp Asp Asp Phe His Asp Gly Asn Gln Ile
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 Gln Leu Trp Pro Ser Lys Ser Asn Asn Asp Pro Asn Gln Leu Trp Thr
 305 310 315 320
 Ile Lys Arg Asp Xaa Thr Ile Arg Ser Asn Gly Ser Cys Leu Thr Thr
 325 330 335
 Tyr Gly Tyr Thr Ala Gly Val Tyr Val Met Ile Phe Asp Cys Asn Thr
 340 345 350
 Ala Val Arg Glu Ala Thr Ile Trp Gln Ile Trp Xaa Asn Gly Thr Ile
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 Ile Asn Pro Arg Ser Asn Leu Val Leu Ala Ala Ser Ser Gly Ile Lys
 370 375 380
 Gly Thr Thr Leu Thr Val Gln Thr Leu Asp Tyr Thr Leu Gly Gln Gly
 385 390 395 400
 Trp Leu Ala Gly Asn Asp Thr Ala Pro Arg Glu Val Thr Ile Tyr Gly
 405 410 415
 Phe Arg Asp Leu Cys Met Glu Ser Asn Xaa Gly Ser Val Trp Val Glu
 420 425 430
 Thr Cys Xaa Ser Ser Gln Xaa Asn Gln Xaa Xaa Trp Ala Leu Tyr Gly
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 Asp Gly Ser Ile Arg Pro Lys Gln Asn Gln Asp Gln Cys Leu Thr Xaa
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 465 470 475 480
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 Asp Ala Gln Arg Phe Val Leu Val Glu Leu Thr Asn Gln Gly Xaa Asp
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Gly	Thr	Ile	Ile	Asn	Pro	Arg	Ser	Asn	Leu	Val	Leu	Ala	Ala	Ser	Ser
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Ser	Ile	Thr	Ala	Ala	Ile	Asp	Val	Thr	Asn	Leu	Tyr	Val	Val	Ala	Tyr	
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Gln	Ala	Gly	Asp	Gln	Ser	Tyr	Phe	Leu	Arg	Asp	Ala	Pro	Arg	Gly	Ala	
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Glu	Thr	His	Leu	Phe	Thr	Gly	Thr	Thr	Arg	Ser	Ser	Leu	Pro	Phe	Asn	
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Pro	Leu	Gly	Ile	Asp	Gln	Leu	Ile	Gln	Ser	Val	Thr	Ala	Leu	Arg	Phe	
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 Arg Gln Tyr Ile Asn Ser Gly Ala Ser Phe Leu Pro Asp Val Tyr Met
 180 185 190
 Leu Glu Leu Glu Thr Ser Trp Gly Gln Gln Ser Thr Gln Val Gln His
 195 200 205
 Ser Thr Asp Gly Val Phe Asn Asn Pro Ile Arg Leu Ala Ile Pro Pro
 210 215 220
 Gly Asn Phe Val Thr Leu Thr Asn Val Arg Asp Val Ile Ala Ser Leu
 225 230 235 240
 Ala Ile Met Leu Phe Val Cys Gly Glu Arg Pro Ser Ser Ser Asp Val
 245 250 255
 Arg Tyr Trp Pro Leu Val Ile Arg Pro Val Ile Ala Asp Asp Val Thr
 260 265 270
 Cys Ser Ala Ser Glu Pro Thr Val Arg Ile Val Gly Arg Asn Gly Met
 275 280 285
 Cys Val Asp Val Arg Asp Asp Asp Phe His Asp Gln Asn Gln Ile Gln
 290 295 300
 Leu Trp Pro Ser Lys Ser Asn Asn Asp Pro Asn Gln Leu Trp Thr Ile
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 Lys Arg Asp Gly Thr Ile Arg Ser Asn Gly Ser Cys Leu Thr Thr Tyr
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 Val Arg Glu Ala Thr Ile Trp Gln Ile Trp Gly Asn Gly Thr Ile Ile
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 385 390 395 400
 Leu Ala Gly Asn Asp Thr Ala Pro Arg Glu Val Thr Ile Tyr Gly Phe
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 Arg Asp Leu Cys Met Glu Ser Asn Gly Gly Ser Val Trp Val Glu Thr
 420 425 430
 Cys Val Ser Ser Gln Gln Asn Gln Arg Trp Ala Leu Tyr Gly Asp Gly
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 Ser Ile Arg Pro Lys Gln Asn Gln Asp Gln Cys Leu Thr Cys Gly Arg
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35 40 45

Asp Ala Gln Arg Phe Val Leu Val Glu Leu Thr Asn Gln Gly Gln Asp
50 55 60

Ser Ile Thr Ala Ala Ile Asp Val Thr Asn Ala Tyr Val Val Ala Tyr
65 70 75 80

Gln Ala Gly Asp Gln Ser Tyr Phe Leu Arg Asp Ala Pro Arg Gly Ala
85 90 95

Glu Thr His Leu Phe Thr Gly Thr Thr Arg Asp Arg Ser Ser Leu Pro
100 105 110

Phe Thr Gly Ser Tyr Thr Asp Leu Glu Arg Tyr Ala Gly His Arg Asp
115 120 125

Gln Ile Pro Leu Gly Ile Glu Gln Leu Ile Gln Ser Val Ser Ala Leu
130 135 140

Arg Tyr Pro Gly Gly Ser Thr Arg Ala Gln Ala Arg Ser Ile Leu Ile
145 150 155 160

Leu Ile Gln Met Ile Ser Glu Ala Ala Arg Phe Asn Pro Ile Leu Trp
165 170 175

Arg Tyr Arg Gln Asp Ile Asn Ser Gly Glu Ser Phe Leu Pro Asp Met
180 185 190

Tyr Met Leu Glu Leu Glu Thr Ser Trp Gly Gln Gln Ser Thr Gln Val

195

200

205

Gln His Ser Thr Asp Gly Val Phe Asn Asn Pro Phe Arg Leu Ala Ile
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50 55 60

Leu Thr Thr Tyr Gly Tyr Thr Ala Gly Val Tyr Val Met Ile Phe Asp
65 70 75 80

Cys Asn Thr Ala Val Arg Glu Ala Thr Ile Trp Gln Ile Trp Gly Asn
85 90 95

Gly Thr Ile Ile Asn Pro Arg Ser Asn Leu Val Leu Ala Ala Ser Ser
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Gly Ile Lys Gly Thr Thr Leu Thr Val Gln Thr Leu Asp Tyr Thr Leu
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Gly Gln Gly Trp Leu Ala Gly Asn Asp Thr Ala Pro Arg Glu Val Thr
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145 150 155 160

Trp Val Glu Thr Cys Val Ser Ser Gln Asn Gln Arg Trp Ala Leu
165 170 175

Tyr Gly Asp Gly Ser Ile Arg Pro Lys Gln Asn Gln Asp Gln Cys Leu
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Thr Cys Gly Arg Asp Ser Val Ser Thr Val Ile Asn Ile Val Ser Cys
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Ser Ala Gly Ser Ser Gly Gln Arg Trp Val Phe Thr Asn Glu Gly Ala
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Ile Leu Asn Leu Lys Asn Gly Leu Ala Met Asp Val Ala Gln Ala Asn
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Leu Trp Thr Ile Lys Arg Asp Gly Thr Ile Arg Ser Asn Gly Ser Cys
50 55 60

Leu Thr Thr Tyr Gly Tyr Thr Ala Gly Val Tyr Val Met Ile Phe Asp
65 70 75 80

Cys Asn Thr Ala Val Arg Glu Ala Thr Ile Trp Gln Ile Trp Asp Asn
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Gly Thr Ile Ile Asn Pro Arg Ser Asn Leu Val Leu Ala Ala Ser Ser
100 105 110

Gly Ile Lys Gly Thr Thr Leu Thr Val Gln Thr Leu Asp Tyr Thr Leu
115 120 125

Gly Gln Gly Trp Leu Ala Gly Asn Asp Thr Ala Pro Arg Glu Val Thr
130 135 140

Ile Tyr Gly Phe Arg Asp Leu Cys Met Glu Ser Asn Gly Gly Ser Val
145 150 155 160

Trp Val Glu Thr Cys Asp Ser Ser Gln Lys Asn Gln Gly Lys Trp Ala
165 170 175

Leu Tyr Gly Asp Gly Ser Ile Arg Pro Lys Gln Asn Gln Asp Gln Cys
180 185 190

Leu Thr Ser Gly Arg Asp Ser Val Ser Thr Val Ile Asn Ile Val Ser
195 200 205

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Cys Ser Gly Ala Ser Gly Ser Gln Arg Trp Val Phe Thr Asn Glu Gly
210 215 220

Ala Ile Leu Asn Leu Lys Asn Gly Leu Ala Met Asp Val Ala Gln Ala
225 230 235 240

Asn Pro Lys Leu Arg Arg Ile Ile Ile Tyr Pro Ala Thr Gly Lys Pro
245 250 255

Asn Gln Met Trp Leu Pro Val Phe
260

<210> 8
<211> 264
<212> PRT
<213> Artificial Sequence

<400> 8

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Arg Ser Gly Met Arg Val Asp Val Arg Asp Asp Asp Phe His Asp Gly
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Asn Gln Ile Gln Leu Trp Pro Ser Lys Ser Asn Asn Asp Pro Asn Gln
35 40 45

Leu Trp Thr Ile Lys Arg Asp Asn Thr Ile Arg Ser Asn Gly Ser Cys
50 55 60

Leu Thr Thr Tyr Gly Tyr Thr Ala Gly Val Tyr Val Met Ile Phe Asp
65 70 75 80

Cys Asn Thr Ala Val Arg Glu Ala Thr Ile Trp Gln Ile Trp Asp Asn
85 90 95

Gly Thr Ile Ile Asn Pro Arg Ser Asn Leu Val Leu Ala Ala Ser Ser
100 105 110

Gly Ile Lys Gly Thr Thr Leu Thr Val Gln Thr Leu Asp Tyr Thr Leu
115 120 125

Gly Gln Gly Trp Leu Ala Gly Asn Asp Thr Ala Pro Arg Glu Val Thr
130 135 140

Ile Tyr Gly Phe Arg Asp Leu Cys Met Glu Ser Asn Gln Gly Ser Val
145 150 155 160

Trp Val Glu Thr Cys Asp Ser Ser Gln Lys Asn Gln Gly Lys Trp Ala
165 170 175

Leu Tyr Gly Asp Gly Ser Ile Arg Pro Lys Gln Asn Gln Asp Gln Cys
180 185 190

Leu Thr Val Gly Arg Asp Ser Val Ser Thr Val Ile Asn Ile Val Ser
195 200 205

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Cys Ser Gly Ala Ser Gly Ser Gln Arg Trp Val Phe Thr Asn Glu Tyr
210 215 220

Ala Ile Leu Asn Leu Lys Ser Gly Leu Ala Met Asp Val Ala Gln Ala
225 230 235 240

Asn Pro Lys Leu Arg Arg Ile Ile Ile Tyr Pro Ala Thr Gly Lys Pro
245 250 255

Asn Gln Met Trp Leu Pro Val Phe
260

<210> 9
<211> 264
<212> PRT
<213> Artificial Sequence

<400> 9

Asp Asp Val Thr Cys Ser Ala Ser Glu Pro Thr Val Arg Ile Val Gly
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Asn Gln Ile Gln Leu Trp Pro Ser Lys Ser Asn Asn Asp Pro Asn Gln
35 40 45

Leu Trp Thr Ile Lys Arg Asp Gly Thr Ile Arg Ser Asn Gly Ser Cys
50 55 60

Leu Thr Thr Tyr Gly Tyr Thr Ala Gly Val Tyr Val Met Ile Phe Asp
65 70 75 80

Cys Asn Thr Ala Val Arg Glu Ala Thr Ile Trp Gln Ile Trp Asp Asn
85 90 95

Gly Thr Ile Ile Asn Pro Arg Ser Asn Leu Val Leu Ala Ala Ser Ser
100 105 110

Gly Ile Lys Gly Thr Thr Leu Thr Val Gln Thr Leu Asp Tyr Thr Leu
115 120 125

Gly Gln Gly Trp Leu Ala Gly Asn Asp Thr Ala Pro Arg Glu Val Thr
130 135 140

Ile Tyr Gly Phe Arg Asp Leu Cys Met Glu Ser Asn Gly Gly Ser Val
145 150 155 160

Trp Val Glu Thr Cys Asp Ser Ser Gln Lys Asn Gln Gly Lys Trp Ala
165 170 175

Leu Tyr Gly Asp Gly Ser Ile Arg Pro Lys Gln Asn Gln Asp Gln Cys
180 185 190

Leu Thr Ser Gly Arg Asp Ser Val Ser Thr Val Ile Asn Ile Val Ser
195 200 205

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Cys Ser Gly Ala Ser Gly Ser Gln Arg Trp Val Phe Thr Asn Glu Gly
210 215 220

Ala Ile Leu Asn Leu Lys Thr Gly Leu Ala Met Asp Val Ala Gln Ala
225 230 235 240

Asn Pro Lys Leu Arg Arg Ile Ile Tyr Pro Ala Thr Gly Lys Pro
245 250 255

Asn Gln Met Trp Leu Pro Val Phe
260

<210> 10
<211> 264
<212> PRT
<213> Artificial Sequence

<400> 10

Asp Asp Val Thr Cys Ser Ala Ser Glu Pro Thr Val Arg Ile Val Gly
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Arg Asn Gly Met Arg Val Asp Val Arg Asp Asp Phe His Asp Gly
20 25 30

Asn Gln Ile Gln Leu Trp Pro Ser Lys Ser Asn Asn Asp Pro Asn Gln
35 40 45

Leu Trp Thr Ile Lys Arg Asp Gly Thr Ile Arg Ser Asn Gly Ser Cys
50 55 60

Leu Thr Thr Tyr Gly Tyr Thr Ala Gly Val Tyr Val Met Ile Phe Asp
65 70 75 80

Cys Asn Thr Ala Val Arg Glu Ala Thr Ile Trp Gln Ile Trp Asp Asn
85 90 95

Gly Thr Ile Ile Asn Pro Arg Ser Asn Leu Val Leu Ala Ala Ser Ser
100 105 110

Gly Ile Lys Gly Thr Thr Leu Thr Val Gln Thr Leu Asp Tyr Thr Leu
115 120 125

Gly Gln Gly Trp Leu Ala Gly Asn Asp Thr Ala Pro Arg Glu Val Thr
130 135 140

Ile Tyr Gly Phe Arg Asp Leu Cys Met Glu Ser Asn Gly Gly Ser Val
145 150 155 160

Trp Val Glu Thr Cys Asp Ser Ser Gln Lys Asn Gln Gly Lys Trp Ala
165 170 175

Leu Tyr Gly Asp Gly Ser Ile Arg Pro Lys Gln Asn Gln Asp Gln Cys
180 185 190

Leu Thr Ser Gly Arg Asp Ser Val Ser Thr Val Ile Asn Ile Val Ser
195 200 205

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Cys Ser Gly Ala Ser Gly Ser Gln Arg Trp Val Phe Thr Asn Glu Gly
210 215 220

Ala Ile Leu Asn Leu Lys Lys Gly Pro Ala Met Asp Val Ala Gln Ala
225 230 235 240

Asn Pro Lys Leu Arg Arg Ile Ile Ile Tyr Pro Ala Thr Gly Lys Pro
245 250 255

Asn Gln Met Trp Leu Pro Val Phe
260

<210> 11
<211> 264
<212> PRT
<213> Artificial Sequence

<400> 11

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Arg Asn Gly Met Arg Val Asp Val Arg Asp Asp Asp Phe His Asp Gly
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Asn Gln Ile Gln Leu Trp Pro Ser Lys Ser Asn Asn Asp Pro Asn Gln
35 40 45

Leu Trp Thr Ile Lys Arg Asp Gly Thr Ile Arg Ser Asn Gly Ser Cys
50 55 60

Leu Thr Thr Tyr Gly Tyr Thr Ala Gly Val Tyr Val Met Ile Phe Asp
65 70 75 80

Cys Asn Thr Ala Val Arg Glu Ala Thr Ile Trp Gln Ile Trp Asp Asn
85 90 95

Gly Thr Ile Ile Asn Pro Arg Ser Asn Leu Val Leu Ala Ala Ser Ser
100 105 110

Gly Ile Lys Gly Thr Thr Leu Thr Val Gln Thr Leu Asp Tyr Thr Leu
115 120 125

Gly Gln Gly Trp Leu Ala Gly Asn Asp Thr Ala Pro Arg Glu Val Thr
130 135 140

Ile Tyr Gly Phe Arg Asp Leu Cys Met Glu Ser Asn Gly Gly Ser Val
145 150 155 160

Trp Val Glu Thr Cys Asp Ser Ser Gln Lys Asn Gln Gly Lys Trp Ala
165 170 175

Leu Tyr Gly Asp Gly Ser Ile Arg Pro Lys Gln Asn Gln Asp Gln Cys
180 185 190

Leu Thr Ser Gly Arg Asp Ser Val Ser Thr Val Ile Asn Ile Val Ser
195 200 205

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Cys Ser Gly Ala Ser Gly Ser Gln Arg Trp Val Phe Thr Asn Glu Gly
210 215 220

Ala Ile Leu Asn Leu Lys Asn Ser Leu Met Val Asp Val Ala Gln Ala
225 230 235 240

Asn Pro Lys Leu Arg Arg Ile Ile Ile Tyr Pro Ala Thr Gly Lys Pro
245 250 255

Asn Gln Met Trp Leu Pro Val Phe
260

<210> 12
<211> 1598
<212> DNA
<213> Artificial Sequence

<220>
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<222> 319
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/label= Z1

<220>
<221> misc_feature
<222> 1322
<223> product= "n is ggc or missing"
/label= Z2

<400> 12

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cgtcagctcta cgatccccgt ctccgatgcg caaagatttg tcttgggtgga gtcaccaaac	180
caggggsrrg actcgrtyac ggccgccatc gacgttacca atsyktacgt cgtggcttac	240
caagcaggcg accaatccta ctttttgcgc gacgcaccac gcggcgcgga aacgcacctc	300
ttcaccggca ccaccggant cctctctccc attcamyggg agctacmcyg atctggagcg	360
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kgcgcttcgt twycggggcg gcagcacgcy trcycaagct cgttcgattt taatcctcat	480
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ccaacaatcc acgcaagtcc agcattcaac cgatggcggt ttaataaacc cawtycggtt	660
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<210> 13
 <211> 763
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> 319
 <223> product= "n is gat aga or missing"
 /label= z1

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 cgtcagtccta cgatccccgt ctccgatgcg caaagatttg tcttggggga gtcaccaaac 180
 caggggrrrg actcgrtyac ggccgccatc gacgttacca atsyktaagt cgtggcttac 240
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00601667 100600

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 taacagtggg gmrtcatttc tgccagacrt gtacatgctg gagctggaga cgagttgggg 600
 ccaacaatcc acgcaagtcc agcattcaac cgatggcggt ttaataaacc cawtycggtt 660
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<210> 14
 <211> 793
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> 517
 <223> product= "n is ggc or missing"
 /label= Z2

<400> 14
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 aagtccaaca atgatccgaa tcagttgttg acgatcaaaa gggatrrmac cattcgatcc 180
 aatggcagct gcttgaccac gtatggctat actgctggcg tctatgtgat gatcttcgac 240
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 caatgaakrs gccattttga atttaagav wrgsyygrys rtggatgtgg cgcaagcaaa 720
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<210> 15
 <211> 1596

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<212> DNA
<213> Artificial Sequence

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 cgtcagtccta cgatccccgt ctccgatgcg caaagatttg tcttggtgga gctcaccaac 180
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 gcyatcatgt tgtttgtatg ccgagagcgg ccattcttct ctgacgttgc ctattggccg 780
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 aatcagatag agttgtggcc ctccaagtcc aacaatgac cgaatcagtt gtggacgac 960
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 ggaaaaacca atcaatgtg gcttcccggt ccatga 1596

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<210> 16
 <211> 762
 <212> DNA
 <213> Artificial Sequence

<400> 16
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 cgtcagtccta cgatccccgt ctccgatgcg caaagatttg tcttggtgga gtcaccaaac 180
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 aacagtgggg cgtcatttct gccagacgtg tacatgctgg agctggagac gagttggggc 600
 caacaatcca cgcaagtcca gcattcaacc gatggcgttt ttaataaccc aattcggttg 660
 gctatacccc ccggttaactt cgtgacgttg accaatgttc gcgagctgat cgcacgcttg 720
 gcgatcatgt tgtttgtatg cggagagcgg ccattcttct ct 762

<210> 17
 <211> 768
 <212> DNA
 <213> Artificial Sequence

<400> 17
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 cgtcagtccta cgatccccgt ctccgatgcg caaagatttg tcttggtgga gtcaccaaac 180
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 gagcgatacg ccggacatag ggaccagatc cctctcggtta tagagcaact cattcaatcc 420
 gtctctgcgc ttcgttaacc gggcggcagc acgcgtgctc aagctcgctc gattttaatc 480

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ctcattcaga tgatctccga ggcgcgcaga ttcaatccca tcttatggag gtaccgcca 540
 gatattaaca gtggggaatc atttctgccca gacatgtaca tgctggagct ggagacgagt 600
 tggggccaac aatccacgca agtcacgcat tcaaccgatg gcgtttttaa taaccattc 660
 cggttggtcta tatctactgg taactctgtg acgttgtcta atgttcgctc tgtgatcgcc 720
 agcttggcga tcatgttgtt tgtatcgga gagcgccat ctctctct 768

<210> 18
 <211> 1596
 <212> DNA
 <213> Artificial Sequence

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 agacaatcta ctattccagt ttctgatgct cagcgtttcg ttctgttgga attgactaac 180
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 gcaattccac ctggaaaatt tgttactcct acaaacgtga gagatgttat tgcttctcct 720
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 aaccaaatcc aactttggcc tagtaagtct aataacgacc caaaccaact ttgactatt 960
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 ggtattaagg gaacaacttt gactgttcag actttggact atactcttg tcaaggatgg 1200
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<210> 19
 <211> 762
 <212> DNA
 <213> Artificial Sequence

<400> 19
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 agacaatcta ctattccagt ttctgatgct cagctgttgc ttcttggta attgactaac 180
 caaggacagg atagtgttac tgctgctatt gatgtgacta acgcttatgt tgttgcatac 240
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 tttactggta caacacggag ttctttgctt tttaaagggt cttatccaga cttggaaaga 360
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 cagcagtccta ctcagggtca acacagtaca gacggtgtgt tcaacaatcc taccagactt 660
 gcaattccac ctggaaattt tgttactctt acaaactgta gagatgttat tgctctctct 720
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<210> 20
 <211> 768
 <212> DNA
 <213> Artificial Sequence

<400> 20
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 attactttgt tgagggatta cgttagtctt ggttctttca gtaacgaaat tcctttgctt 120

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caggctggg atcagttcta ttctcttagg gatgctccta gaggagctga gactcatttg	300
tttactggta caacacggga tagaagttct ttgcctttta ctggttctta tacagacttg	360
gaaagatatg ctggtcacag agatcaaatt ccattgggaa ttgagcagtt gatccagagt	420
gtttctgctt tgagataccc aggtggatct actagagctc aggcaagatc tatccttatt	480
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tggggacagc agtctactca ggttcaacac agtaagacg gtgtgttcaa caatcctttc	660
agacttgcaa ttctactgg aaattttgtt actctttcta acgtgagatc tgttattgct	720
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<210> 21
 <211> 792
 <212> DNA
 <213> Artificial Sequence

<400> 21	
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aagtccaaca atgatccgaa tcagttgttg acgatcaaaa ggtatggaac cattcgatcc	180
aatggcagct gcttgaccac gtatggctat actgctggcg tctatgtgat gatcttcgac	240
tgtaatactg ctgtgcggga ggccaactatt tggcagatat gggccaatgg gaccatcatc	300
aatccaagat ccaattctgt tttggcagca tcatctggaa tcaaaggcac tacgcttacg	360
gtgcaaacac tggattcac gttgggacag ggctggcttg ccggtaatga tacgccccca	420
cgcgaggtga ccatatatg tttcagggac ctttgcattg aatcaaatgg agggagtggtg	480
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acagtaatca atatagttag ctgcagcgtt ggtcgtctg ggcagcagtg ggtgtttacc	660
aatgaagggg ccattttgaa tttaagaat ggggttgcca tggatgtggc caagcaaat	720
ccaaagctcc gccgaataat tatctatcct gccacaggaa aaccaaatca aatgtggctt	780
cccggtccat ga	792

09601667 100600

<210> 22
 <211> 795
 <212> DNA
 <213> Artificial Sequence

<400> 22

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cgcggtggacg tccgagatga cgatttccac gatgggaatc agatacagtt gtggccctcc	120
aagtccaaca atgatccgaa tcagttgttg acgatcaaaa gggatggaac cattcgatcc	180
aatggcagct gcttgaccac gtatggctat actgctggcg tctatgtgat gatcttcgac	240
tgtaatactg ctgtgcggga ggccactatt tggcagatat gggacaatgg gaccatcatc	300
aatccaagat ccaatctggt ttggcagca tcatctggaa tcaaaggcac tacgcttacg	360
gtgcaaacac tggattacac gttgggacag ggctggcttg ccgtaaatga taccgccccca	420
cgcgaggtga ccatatatgg ttccaggac ctttgcattg aatcaaatgg agggagtgtg	480
tgggtggaga cgtgcgacag tagccaaaag aaccaaggca aatgggcttt gtacggggat	540
ggttctatgc gcccacaaca aaaccaagac caatgcctca cctctgggag agactccgtt	600
tcaacagtaa tcaatatagt tagctgcagc ggagcttcgg ggtctcagcg atgggtgttt	660
accaatgaag ggccatttt gaatttaag aatgggttgg ccatggatgt gggcgaagca	720
aatccaagc tccgccgaat aattatctat cctgccacag gaaaaccaa tcaaatgtgg	780
cttcccggtg tctga	795

<210> 23
 <211> 795
 <212> DNA
 <213> Artificial Sequence

<400> 23

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aagtccaaca atgatccgaa tcagttgttg acgatcaaaa gggataaac cattcgatcc	180
aatggcagct gcttgaccac gtatggctat actgctggcg tctatgtgat gatcttcgac	240
tgtaatactg ctgtgcggga ggccactatt tggcagatat gggacaatgg gaccatcatc	300
aatccaagat ccaatctggt ttggcagca tcatctggaa tcaaaggcac tacgcttacg	360
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cgcgagggtga ccatatatgg ttccagggac ctttgcattgg aatcaaatca agggagtggtg 480
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 ggttctatag gccccaaaca aaaccaagac caatgcctca ccgttgggag agactccggt 600
 tcaacagtaa tcaatatagt tagctgcagc ggagcttcgg ggtctcagcg atgggtgttt 660
 accaatgaat acgccatttt gaatttaaag agtgggttgg ccatggatgt ggcgaagca 720
 aatccaaagc tccgccgaat aattatctat cctgccacag gaaaaccaa tcaaatgtgg 780
 cttcccggtg tctga 795

<210> 24
 <211> 795
 <212> DNA
 <213> Artificial Sequence

<400> 24
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 cgcgtggagc tccgagatga cgatttcac gatgggaatc agatacagtt gtggccctcc 120
 aagtccaaca atgatccgaa tcagttgtgg acgatcaaaa gggatggaac cattcgatcc 180
 aatggcagct gcttgaccac gtatggctat actgctggcg tctatgtgat gatcttcgac 240
 tctaatactg ctgtgcggga ggccactatt tggcagatat gggacaatgg gacatcacc 300
 aatccaagat ccaatctggt ttggcagca tcatctggaa tcaaaaggac tacgcttacg 360
 gtgcaaacac tggattacac gttgggacag ggctggcttg ccgtaaatga tacgcccca 420
 cgcgagggtga ccatatatgg ttccagggac ctttgcattgg aatcaaatgg agggagtggt 480
 tgggtggaga cgtgcgacag tagccaaaag aaccaaggca aatgggcttt gtacggggat 540
 ggttctatag gccccaaaca aaaccaagac caatgcctca cctctgggag agactccggt 600
 tcaacagtaa tcaatatagt tagctgcagc ggagcttcgg ggtctcagcg atgggtgttt 660
 accaatgaag gggccatttt gaatttaaag actgggttgg ccatggatgt ggcgaagca 720
 aatccaaagc tccgccgaat aattatctat cctgccacag gaaaaccaa tcaaatgtgg 780
 cttcccggtg tctga 795

<210> 25
 <211> 795
 <212> DNA
 <213> Artificial Sequence

<400> 25

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 aagtcaca atgatccgaa tcagttgttg acgatcaaaa gggatggaac cattcgatcc 180
 aatggcagct gcttgaccac gtatggctat actgctggcg tctatgtgat gatcttcgac 240
 tgtaatactg ctgtgcggga ggccactatt tggcagatat gggacaatgg gaccatcacc 300
 aatccaagat ccaatctggt ttgggcagca tcatctggaa tcaaggcac tacgcttacg 360
 gtgcaaacac tggattacac gttgggacag ggctggcttg ccggtaatga taccgcccc 420
 cgcgagggtga ccatatatgg ttccaggac ctttgcattg aatcaaatgg agggagtgtg 480
 tgggtggaga cgtgcgacag tagccaaaag aaccaaggca aatgggcttt gtacggggat 540
 ggttctatac gccccaaaca aaaccaagac caatgcctca cctctgggag agactccgtt 600
 tcaacagtaa tcaatatagt tagctgcagc ggagcttcgg ggtctcagcg atgggtgttt 660
 accaatgaag gggccatttt gaatttaaag aaagggccg ccatggatgt ggcgcaagca 720
 aatccaaagc tccgcgaat aattatctat cctgccacag gaaacacaa tcaaatgtgg 780
 cttcccggtg tctga 795

<210> 26
 <211> 795
 <212> DNA
 <213> Artificial Sequence

<400> 26
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 aagtcaca atgatccgaa tcagttgttg acgatcaaaa gggatggaac cattcgatcc 180
 aatggcagct gcttgaccac gtatggctat actgctggcg tctatgtgat gatcttcgac 240
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 aatccaagat ccaatctggt ttgggcagca tcatctggaa tcaaggcac tacgcttacg 360
 gtgcaaacac tggattacac gttgggacag ggctggcttg ccggtaatga taccgcccc 420
 cgcgagggtga ccatatatgg ttccaggac ctttgcattg aatcaaatgg agggagtgtg 480
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 tcaacagtaa tcaatatagt tagctgcagc ggagcttcgg ggtctcagcg atgggtgttt 660
 accaatgaag gggccatttt gaatttaaag aatagcttga tgggtgatgt ggcgcaagca 720

0060167, 100600

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cttcccggtg totga 795

<210> 27
<211> 792
<212> DNA
<213> Artificial Sequence

<400> 27
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tgtgttgatg ttccgggacga tgactttcat gacggtaacc aaatccaact ttggcctagt 120
aagtctaata acgacccaaa ccaactttgg actattaaga gagacggtaac aatcagggtc 180
aacggatctt gtcttactac atacgggtac actgcaggag ttacgtttat gatttttgat 240
tgcaacacag cagtttagaga agctacaatc tggcaaatct ggggtaacgg aactattatt 300
aacccctcgt ctaacttggg gcttgctgct tctagtggta ttaagggaac aactttgact 360
gttcagactt tggactatac tcttggtcaa ggatggttg ctggaacga cacagctcct 420
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tgggttgaaa cttgtgttcc atctcagcaa aatcagaggt gggcacttta tggtagcggg 540
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actgttatta acatttgttc ttgttctgca ggtagttctg gacaaagggt ggttttcaca 660
aacgagggtg ctatccttaa cttgaagaac ggtcctgcta tggatgttgc tcaggctaac 720
cctaagtga gaaggattat catttaccga gctactggta agcctaacca gatgtggttg 780
ccagttcctt at 792

<210> 28
<211> 795
<212> DNA
<213> Artificial Sequence

<400> 28
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cgtgttgatg ttccgggacga tgactttcat gacggtaacc aaatccaact ttggcctagt 120
aagtctaata acgacccaaa ccaactttgg actattaaga gagacggtaac aatcagggtc 180
aacggatctt gtcttactac atacgggtac actgcaggag ttacgtttat gatttttgat 240
tgcaacacag cagtttagaga agctacaatc tggcaaatct gggataacgg aactattatt 300

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 tctactgtta ttaacattgt gtctgtttct ggagctagtg gatctcaaaag gtgggttttc 660
 acaaacgagg gtgctatcct taacttgaag aacggtcttg ctatggatgt tgctcaggct 720
 aaccctaagt tgagaaggat tatcatttac ccagctactg gtaagcctaa ccagatgtgg 780
 ttgccagttt ttat 795

<210> 29
 <211> 795
 <212> DNA
 <213> Artificial Sequence

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 aagtcctaata acgacccaaa ccaactttgg actattaaga gagacaatac aatcaggctc 180
 aacggatctt gtcttactac atacggttac actgcaggag ttacgttat gatttttgat 240
 tgcaacacag cagttagaga agctacaatc tggcaaatct gggataacgg aactattatt 300
 aacctcgtt ctaacttggt gcttgctgct tctagtggta ttaagggaaac aactttgact 360
 gttcagactt tggactatac tcttggtcaa ggatggttgg ctggaaacga cacagctcct 420
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 ggaagtatca gacctaaagca gaatcaggat cagtgtttga cagtccggtag ggatagtgtg 600
 tctactgtta ttaacattgt gtctgtttct ggagctagtg gatctcaaaag gtgggttttc 660
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 aaccctaagt tgagaaggat tatcatttac ccagctactg gtaagcctaa ccagatgtgg 780
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<210> 30
 <211> 795
 <212> DNA

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<213> Artificial Sequence

<400> 30

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 aagtctaata acgacccaaa ccaactttgg actattaaga gagacggtag aatcaggctt 180
 aacggatctt gtcttactac atacggttac actgcaggag ttacgttat gatttttgat 240
 tgcaacacag cagttagaga agctacaatc tggcaaatct gggataacgg aactattatt 300
 aacctcggt ctaacttggg gcttgctgct tctagtggta ttaagggaa aactttgact 360
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 agagaagtta caatctacgg atttagagat ttgtgtatgg agtctaacgg tggatctggt 480
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 acaaacgagg gtgctatcct taacttgaag accggtcttg ctatggatgt tgctcaggct 720
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<210> 31
 <211> 795
 <212> DNA
 <213> Artificial Sequence

<400> 31

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 aagtctaata acgacccaaa ccaactttgg actattaaga gagacggtag aatcaggctt 180
 aacggatctt gtcttactac atacggttac actgcaggag ttacgttat gatttttgat 240
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 gttcagactt tggactatac tcttggtcaa ggatgggtgg ctggaacga cacagctcct 420
 agagaagtta caatctacgg atttagagat ttgtgtatgg agtctaacgg tggatctggt 480
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ggaagtatca gacctaagca gaattcaggat cagtgtttga catccggtag ggatagtgtg 600
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 acaaacgagg gtgctatcct taacttgaag aaaggctctg ctatggatgt tgctcaggct 720
 aaccctaagt tgagaaggat tatcatttac ccagctactg gtaagcctaa ccagatgtgg 780
 ttgccagttt tttat 795

<210> 32
 <211> 795
 <212> DNA
 <213> Artificial Sequence

<400> 32
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 cgtgttgatg ttcgggacga tgactttcat gacgtaacc aaatccaact ttggcctagt 120
 aagtctaata acgacccaaa ccaactttgg actattaaga gagacggtac aatcaggctc 180
 aacggatctt gtcttactac atacggttac actgcaggag ttacgttat gatttttgat 240
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 tctactgtta ttaacattgt gtctgtttct ggagctagtg gatctcaaaag gtgggttttc 660
 acaaacgagg gtgctatcct taacttgaag aactctctta tgggtgatgt tgctcaggct 720
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 ttgccagttt tttat 795

<210> 33
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<400> 33
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<210> 34

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<211> 20
<212> DNA
<213> Artificial Sequence

<400> 34

atytgrttng gyttncngt

20

<210> 35
<211> 21
<212> DNA
<213> Artificial Sequence

<400> 35

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21

<210> 36
<211> 24
<212> DNA
<213> Artificial Sequence

<400> 36

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24

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